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## WHAT IS CLAIMED IS:

1. A method for fabricating a collimate and post diffuse type liquid crystal cell, comprising the steps of:

providing a liquid crystal cell having a first substrate, and a second substrate attached to the first substrate, the first substrate having a same thickness as the second substrate;

lapping the first substrate at a first rate;

concurrently lapping the second substrate with the lapping of the first substrate, the lapping of the second substrate including a second rate different from the first rate, such that the first substrate and the second substrate are thinned to different thicknesses;

polishing the first and second substrates; and providing the thinner of the first and second substrates on a viewer side of the collimate and post diffuse type liquid crystal cell to reduce depixelization.

- 2. The method as recited in claim 1, wherein the first substrate includes a color filter substrate and the first rate is greater than the second rate.
- 3. The method as recited in claim 1, wherein the step of lapping the first substrate includes the step of

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providing an abrasive material on a plate and rotating the plate to lap the first substrate.

- 4. The method as recited in claim 1, wherein the step of concurrently lapping the second substrate includes the step of providing an abrasive material on a plate and rotating the plate to lap the second substrate.
  - 5. The method as recited in claim 1, wherein the same thickness includes 0.7 mm.
  - 6. The method as recited in claim 5, wherein the different thicknesses include 0.4 mm and 0.6 mm.
  - 7. The method as recited in claim 1, wherein the step of providing the thinner of the first and second substrates includes the step of providing a depixelization ratio of less than about 1.6.
- 20 8. The method as recited in claim 1, wherein the step of polishing is performed at a same polish rate for the first and second substrates.

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9. A method for fabricating a collimate and post diffuse liquid crystal cell, comprising the steps of:

providing a liquid crystal cell having a first substrate, and a second substrate attached to the first substrate, the first substrate having a same thickness as the second substrate;

securing the liquid crystal cell;

lapping the first substrate at a first rate by contacting a first rotating plate with the first substrate;

concurrently lapping the second substrate at a second rate by contacting a second rotating plate with the second substrate wherein the second rate is different from the first rate to provide the first substrate and the second substrate with different thicknesses;

polishing the first and second substrates; and providing the thinner of the first and second substrates on a viewer side of the collimate and post diffuse type liquid crystal cell to reduce depixelization.

10. The method as recited in claim 9, wherein the first substrate includes a color filter substrate and the first rate is greater than the second rate.

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- 11. The method as recited in claim 9, wherein the step of lapping the first substrate includes the step of providing an abrasive material on the first plate.
- 5 12. The method as recited in claim 9, wherein the step of concurrently lapping the second substrate includes the step of providing an abrasive material on the second plate.
  - 13. The method as recited in claim 9, wherein the same thickness includes 0.7 mm.
  - 14. The method as recited in claim 13, wherein the different thicknesses include 0.4 mm and 0.6 mm.
  - 15. The method as recited in claim 9, wherein the step of providing the thinner of the first and second substrates includes the step of providing a depixelization ratio of less than about 1.6.
- 20 16. The method as recited in claim 9, wherein the step of polishing is performed at a same polish rate for the first and second substrates.

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- 17. A collimate and post diffuse type display device, comprising:
  - a color filter substrate;
- a thin film transistor array substrate coupled to and spaced apart from the color filter substrate to from a gap;
- a liquid crystal layer disposed in the gap between the color filter substrate and the thin film transistor substrate; and

the color filter substrate including a thickness which is less than a thickness of the thin film transistor array substrate to provide a depixelization ratio of less than about 1.6.

- 18. The display device as recited in claim 17, further comprising a diffuser attached to the color filter substrate.
- 19. The display device as recited in claim 17, wherein the color filter substrate thickness is about 0.4 mm.
- 20. The display device as recited in claim 19, wherein the thin film transistor array substrate thickness is about  $0.6\ \mathrm{mm}$ .

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